TEST REPORT

CTK Co., Ltd.
(Ho-dong), 113, Yejik-ro, Cheoin-gu,
Yongin-si, Gyeonggi-do, Korea
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Report No.: CTK-2023-00480

1. Applicant

◦ Name : Spigen Korea Co.,Ltd.

◦ Address : Spigen HQ-A, 446, Bongeunsa-ro, Gangnam-gu, Seoul, 06153, South Korea

◦ Date of Receipt : 2023-02-22

2. Manufacturer

◦ Name : WITS VINA CO.,LTD

◦ Address : Lot CN7, Diem Thuy Ip (A area), Hong Tien Commune, Pho Yen Town, Thai Nguyen, Province, Vietnam, 24709

3. Use of Report : For FCC & ISED Certification

4. Test Sample / Model : ArcField Flex Wireless Charger / PF2201

5. Date of Test : 2023-02-21 to 2023-03-02

6. Test Standard(method) used : FCC 47 CFR part 15 subpart C 15.209
ISED RSS-216 & RSS-Gen

7. Testing Environment: Temp.: (23 ± 1) ℃, Humidity: (48 ± 5) % R.H.

8. Test Results : Compliance

9. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing

(Address : (Unhak-Dong) 5, Dongbu-ro 221beon-gil, Cheoin-gu, Yong-in-si, Gyeonggi-do, Korea)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
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Approval	Tested by Ji-Hye, Kim: (Signature)	Technical Manager Won-Jae, Hwang: (Signature)

Remark. This report is not related to KOLAS accreditation and relevant regulation.

2023-03-03

CTK Co., Ltd.

REPORT REVISION HISTORY

Date	Revision	Page No
2023-03-03	Issued (CTK-2023-00480)	all

CONTENTS

1. General Product Description

1.1 Applicant Information

Company	Spigen Korea Co.,Ltd.
Contact Point	Spigen HQ-A, 446, Bongeunsa-ro, Gangnam-gu, Seoul, 06153, South Korea
Contact Person	Name : Woo Sang-Hyup E-mail : shwoo@spigen.com Tel : +82-2-6713-6189 Fax : -

1.2 Product Information

FCC ID	2AFKNPF2201	
Certification Number ISED	24998-PF2201	
Product Description	ArcField Flex Wireless Charger	
Model name	PF2201	
Variant Model name	-	
Classification of WPT devices	☐	Type 1 (Interference-causing Equipment)
	☐	Type 2 (Category II Radio Apparatus)
	☒	Type 3 (Category I Radio Apparatus)
Operating Frequency	128 kHz (single frequency)	
RF Output Power	88.6 dBμV/m @ 3 m	
Antenna type	Coil Antenna	
Charging Method	Directly contact	
Power Transfer Method	Magnetic induction and only single primary coil coupling secondary coil	
Output power from each primary coil	< 15 W	
That may have multiple primary coils	No	
Type of Modulation	ASK	
Power Source	DC 9 V (Adapter & USB C type)	
Hardware Rev	SS-02-REV07	
Software Rev	N/A	
Firmware Version Id Number (FVIN)	ABOV : SS2_20220628 Renesas : 201_PR1_OFFI	

1.3 Peripheral Devices

Device	Manufacturer	Model No.	Serial No.
Note Computer	HP	15-bs563TU	CND7253QPR
AC/DC Adapter	HP	HSTNN-CA40	-
Wireless Charging Test Jig	Shenzhen Yulin Innovation Development Co., Ltd.	YBZ Wireless Charging Test Module	-
AC/DC Adapter	DONGYANG E&P VIETNAM CO., LTD.	EP-TA800 002	-

1.4 Antenna Information

☒	Integral antenna (antenna permanently attached)	
	☐	Temporary RF connector provided
	☒	No temporary RF connector provided Transmit chains bypass antenna and soldered temporary RF connector provided for connected measurement. In case of conducted measurements the transmitter shall be connected to the measuring equipment via a suitable attenuator and correct for all losses in the RF path.
☐	External antenna (dedicated antennas)	

2. Accreditations

2.1 Laboratory Accreditations and Listings

Country	Agency	Registration Number
USA	FCC	805871
CANADA	ISED	8737A
KOREA	NRRA	KR0025

2.2 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less. All test equipment calibrations are traceable to the Korea Research Institute of Standards and Science (KRISS), therefore, all test data recorded in this report is traceable to KRISS.

3. Test Specifications

3.1 Standards

FCC Part Section(s)	ISED Part Section(s)	Requirement(s)	Status (Note 1)	Test Condition
15.203	RSS-Gen 6.8	Antenna requirement	C	Radiated
15.209	RSS-216 6.2.2.2	Field strength of fundamental and Spurious emission	C	
15.215(c)	RSS-Gen 6.7	Emission Bandwidth	C	
15.207(a)	RSS-216 6.2.2.1	AC Conducted Emission	C	Line Conducted
Note 1: C=Complies NC=Not Complies NT=Not Tested NA=Not Applicable				
Note 2: The data in this test report are traceable to the national or international standards.				
Note 3: The sample was tested according to the following specification: FCC Part 15.209, RSS-216, ANSI C63.10-2013				

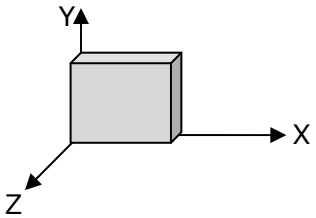
3.2 Mode of operation during the test

The EUT is operated in a manner representative of the typical of the equipments.
During at testing, system components were manipulated within the confines of typical usage to maximize each emission.
The results are only attached worst cases.

Test mode

Charging (Transmitting mode)
Stand-by (idle mode)

Indication of the position of the EUT to be measured

EUT faces identified relative to view from receiving antenna	

3.3 Device Modifications

The following modifications were necessary for compliance:

Not applicable

3.4 Maximum Measurement Uncertainty

The value of the measurement uncertainty for the measurement of each parameter.
Coverage factor k = 2, Confidence levels of 95 %

Description	Uncertainty
Occupied Bandwidth	0.02 kHz (C.L.: Approx. 95 %, k = 2)
Radiated Emissions (f ≤ 1 GHz)	3.88 dB (C.L.: Approx. 95 %, k = 2)
Line Conducted Emission	2.06 dB (C.L.: Approx. 95 %, k = 2)

3.5 Test Software

Radiated Test	ES10 Ver. 10.001
Line Conducted Test	EMC32 Ver. 8.50.0

4. Technical Characteristic Test

4.1 Antenna requirement

Regulation

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Result :

-Complied

The transmitter has permanently attached loop coil antenna (internal antenna) on board.

4.2 Field strength of fundamental and Spurious emission

Test Location

☒ 10 m SAC (test distance : ☐ 10 m, ☒ 3 m)
☐ 3 m SAC (test distance : 3 m)

Test Procedures

ANSI C63.10-2013 - Section 6.4, 6.5

1) In the frequency range of 9 kHz to 30 MHz, magnetic field is measured with Loop Antenna. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.
2) In the frequency rage above 30 MHz, Bi-Log Test Antenna(30 MHz to 1 GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is carried from 1m to 4m above the ground to determine the maximum value of the field strength.
The emissions levels at both horizontal and vertical polarizations should be tested.

Instrument Settings

Frequency Range = 9 kHz ~ 1 GHz

a) RBW = 100 kHz for f < 1 GHz, 9 kHz for f < 30 MHz, 200 Hz for f < 150 kHz

b) VBW ≥ RBW

c) Sweep time = auto couple

Limit :

FCC Part 15 § 15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

Table 1. Restricted Frequency Bands

MHz	MHz	MHz	MHz	MHz	GHz
0.09-0.11	8.37626-8.38675	73-74.6	399.9-410	2690-2900	10.6-12.7
[1]0.495-0.505	8.41425-8.41475	74.8-75.2	608-614	3260-3267	13.25-13.4
2.1735-2.1905	12.29-12.293	108-121.94	960-1240	3332-3339	14.47-14.5
4.125-4.128	12.51975-12.52025	123-138	1300-1427	3345.8-3358	15.35-16.2
4.17725-4.17775	12.57675-12.57725	149.9-150.05	1435-1626.5	3600-4400	17.7-21.4
4.20725-4.20775	13.36-13.41	156.52475-156.52525	1645.5-1646.5	4500-5150	22.01-23.12
6.215-6.218	16.42-16.423	156.7-156.9	1660-1710	5350-5460	23.6-24
6.26775-6.26825	16.69475-16.69525	162.0125-167.17	1718.8-1722.2	7250-7750	31.2-31.8
6.31175-6.31225	16.80425-16.80475	167.72-173.2	2200-2300	8025-8500	36.43-36.5
8.291-8.294	25.5-25.67	240-285	2310-2390	9000-9200	[2]Above 38.6
8.362-8.366	37.5-38.25	322-335.4	2483.5-2500	9300-9500	

[1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2] Above 38.6

§ 15.205 (b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown is Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

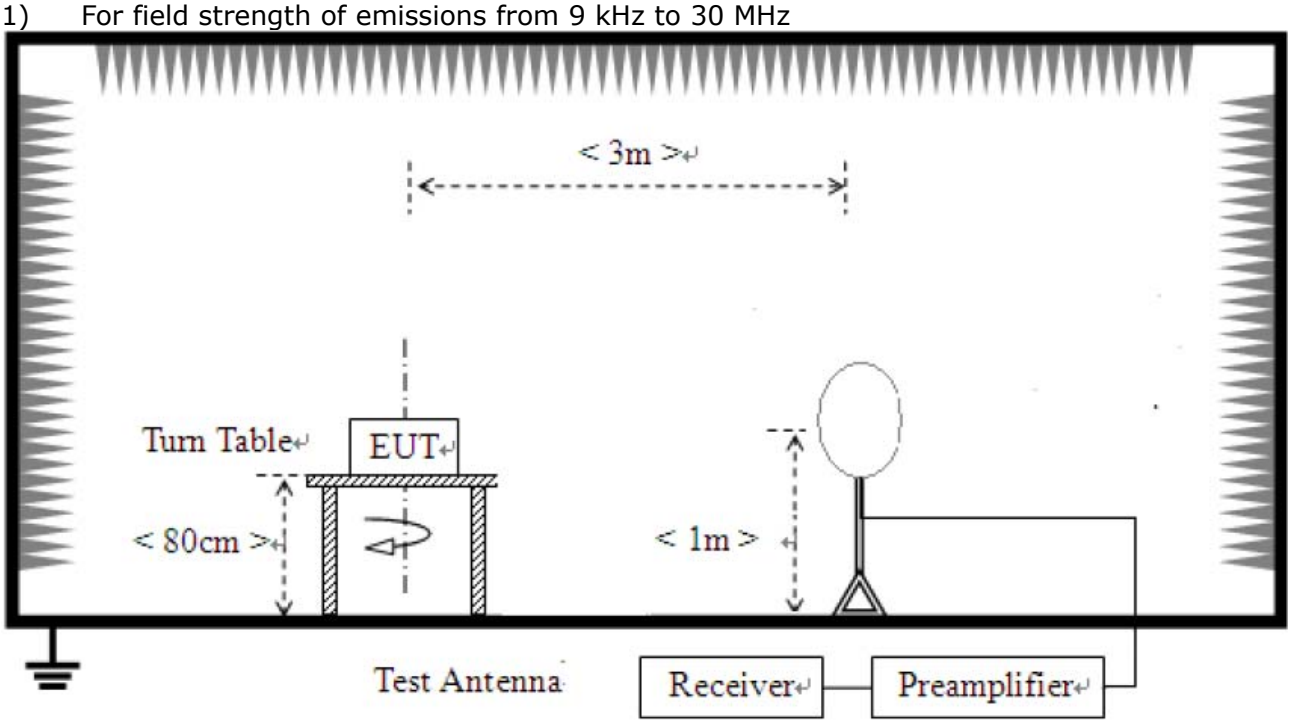
FCC Part 15 § 15.209 (a) Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table :

Frequency (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Deasurement Distance (meters)
0.009-0.490	2400/F(kHz)	48.5 – 13.8	300
0.490-1.705	24000/F(kHz)	33.8 - 23	30
1.705-30	30	29.5	30
30-88	100**	40	3
88-216	150**	43.5	3
216-960	200**	46	3
Above 960	500	54	3

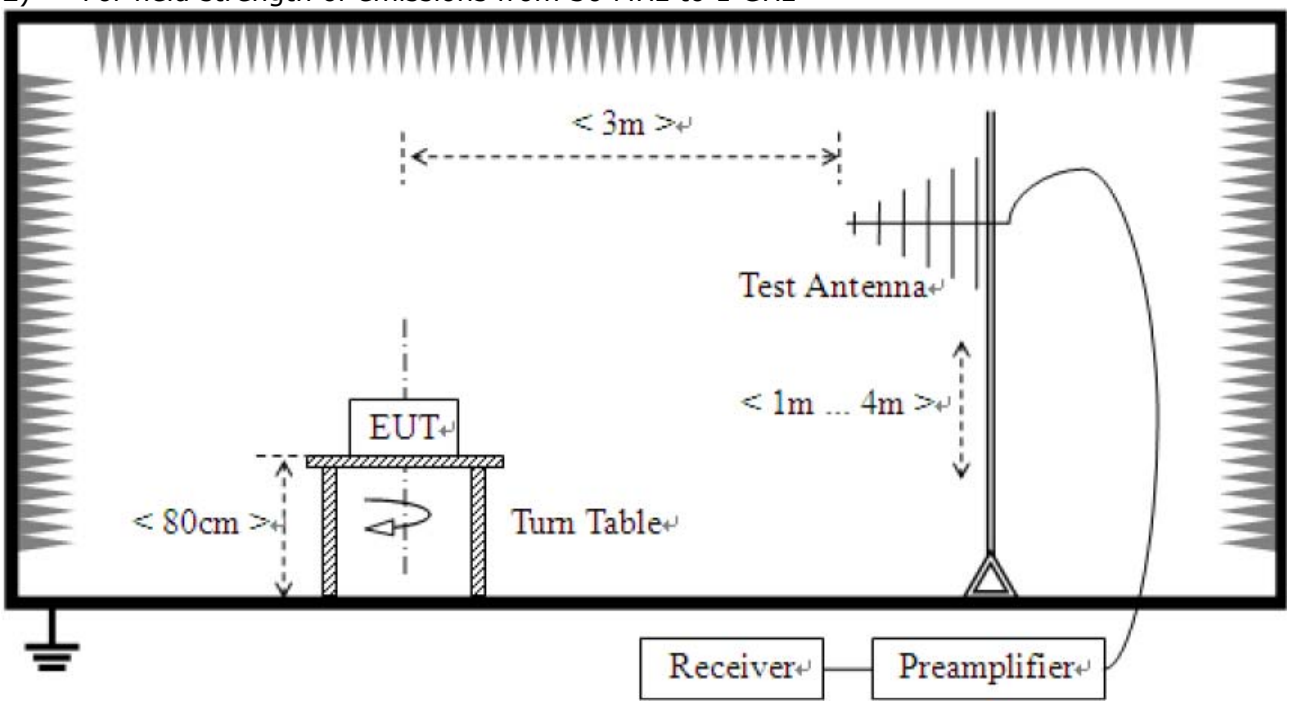
** Except as provided in 15.209(g).fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g.15.231 and 15.241.

Test Setup:

1) For field strength of emissions from 9 kHz to 30 MHz



2) For field strength of emissions from 30 MHz to 1 GHz



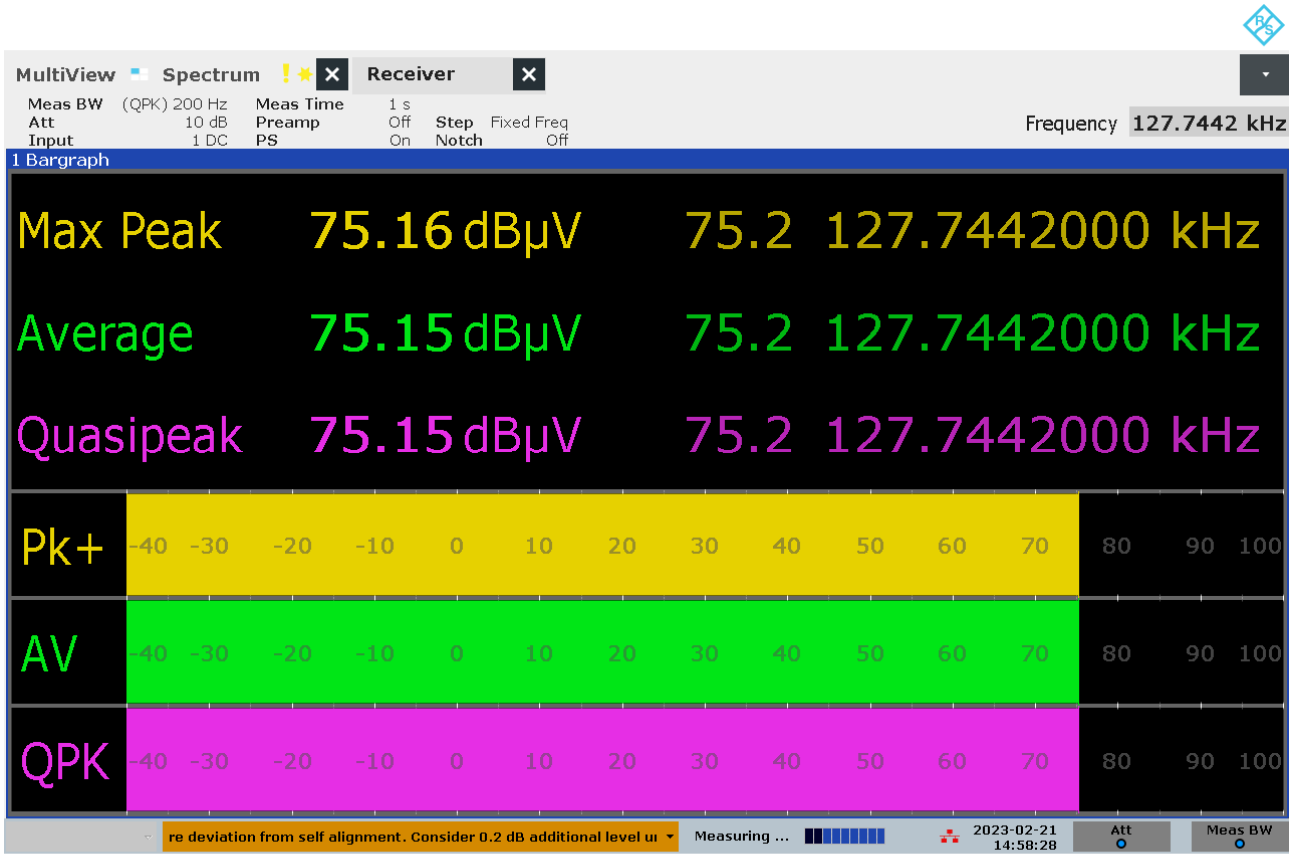
Test results

1) Radiated emissions of fundamental frequency

Test mode : Charging (Transmitter, Worst Case)

The requirements are:
☒ Complies

Test Data



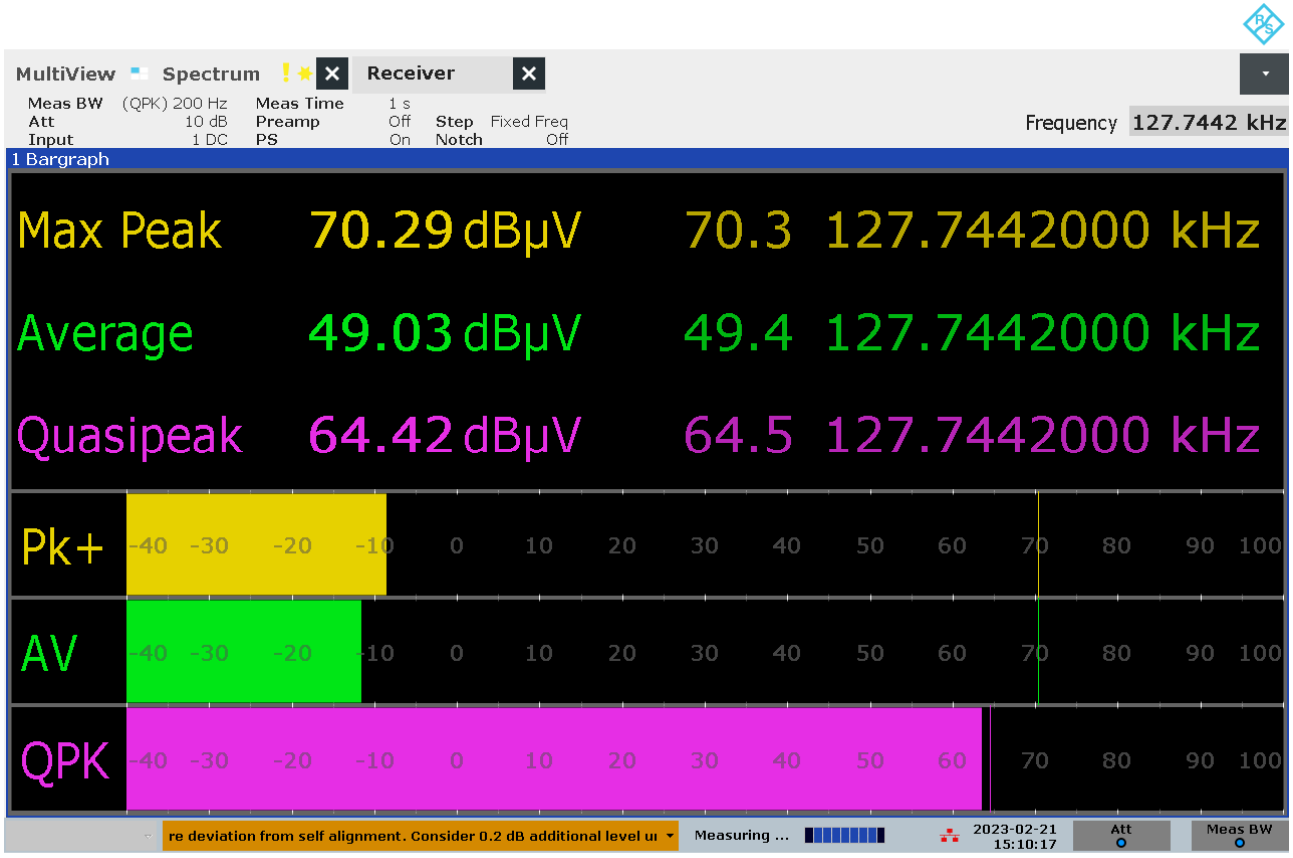
Frequency [MHz]	Reading [dBuV]	c.f [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Magin[dB]	Remark
0.128	75.2	24.9	88.6	105.5	16.9	Average

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
4. Limit : 20log(2400/127.7) + 40log(300/3) = 105.5 dBuV/m

Test mode : Stand-by (idle mode)

The requirements are:
☒ Complies

Test Data



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Frequency [MHz]	Reading [dBuV]	c.f [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Magin[dB]	Remark
0.128	49.4	24.9	74.3	105.5	31.2	Average

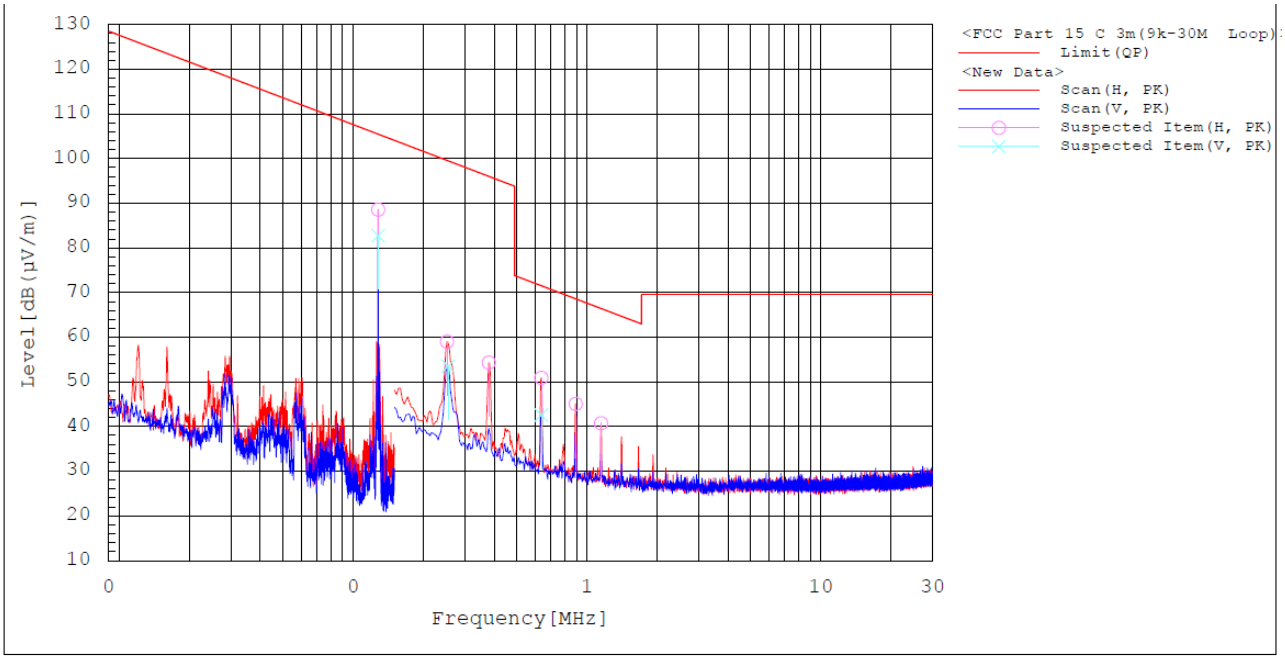
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
4. Limit : 20log(2400/127.7) + 40log(300/3) = 105.5 dBuV/m

2) 9 kHz to 30 MHz

Test mode : Charging (Transmitter, Worst Case)

The requirements are:
☒ Complies

Test Data



Spectrum Selection

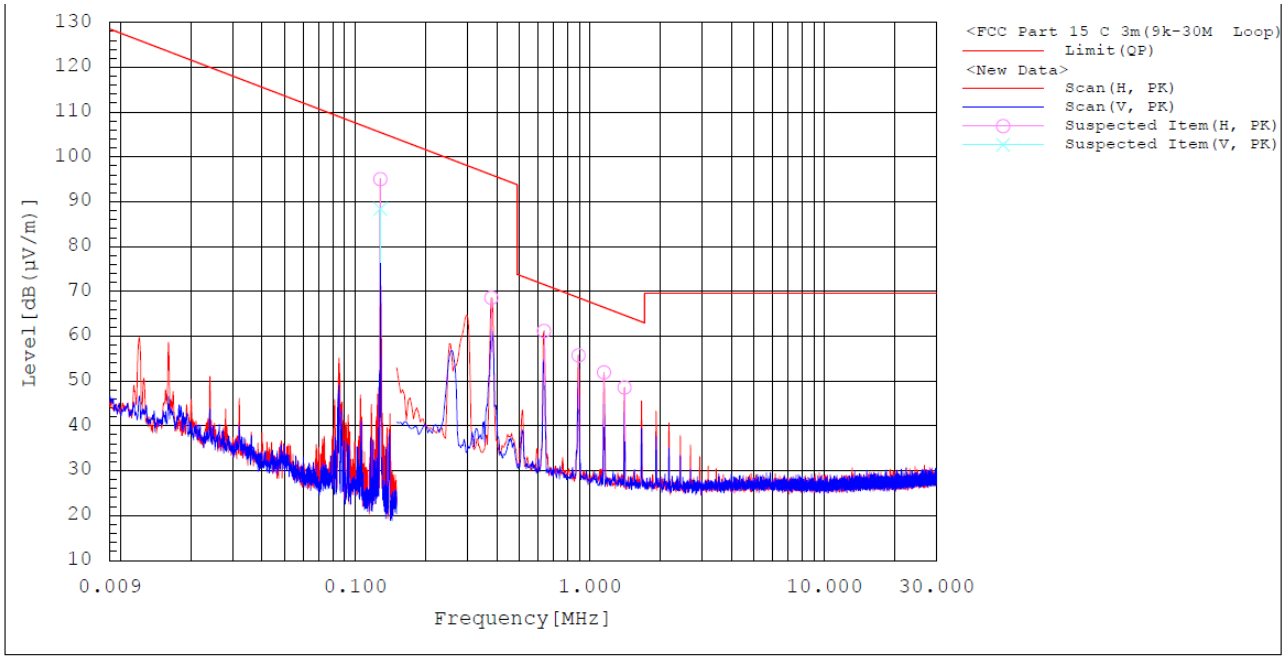
No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
1	0.128	H	63.7	24.9	88.6	105.5	16.9	99.9	173.5	
2	0.128	V	57.9	24.9	82.8	105.5	22.7	99.9	91.5	
3	0.251	H	34.0	25.0	59.0	99.6	40.6	99.9	3.8	
4	0.254	V	28.5	25.0	53.5	99.5	46.0	99.9	286.4	
5	0.380	H	29.3	25.0	54.3	96.0	41.7	99.9	310.2	
6	0.637	H	25.8	25.1	50.9	71.5	20.6	99.9	174.4	
7	0.637	V	17.5	25.1	42.6	71.5	28.9	99.9	286.4	
8	0.893	H	20.1	25.0	45.1	68.6	23.5	99.9	191.7	
9	1.147	H	15.7	25.0	40.7	66.4	25.7	99.9	174.4	

Remark :
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
4. This data is the Peak(PK) value.
5. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
6. No. 1 and 2 in the data table are the Fundamental frequency.

Test mode : Stand-by (idle mode)

The requirements are:
☒ Complies

Test Data



Spectrum Selection

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
1	0.128	H	70.1	24.9	95.0	105.5	10.5	100.6	349.4	
2	0.128	V	63.5	24.9	88.4	105.5	17.1	100.6	42.9	
3	0.380	H	43.6	25.0	68.6	96.0	27.4	100.6	4.4	
4	0.637	H	36.1	25.1	61.2	71.5	10.3	100.6	356.9	
5	0.893	H	30.8	25.0	55.8	68.6	12.8	100.6	0.0	
6	1.147	H	26.9	25.0	51.9	66.4	14.5	100.6	0.0	
7	1.404	H	23.6	25.0	48.6	64.7	16.1	100.6	0.0	

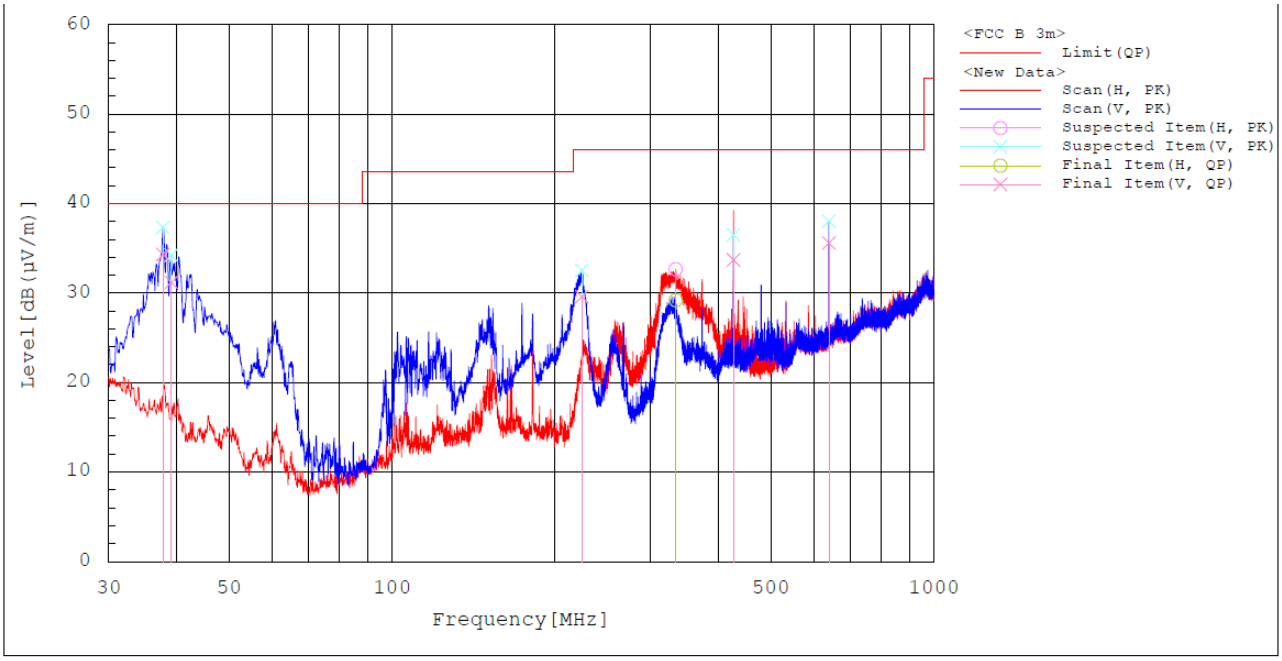
Remark :
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
4. This data is the Peak(PK) value.
5. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
6. No. 1 and 2 in the data table are the Fundamental frequency.

3) 30 MHz to 1 GHz

Test mode : Charging (Transmitter, Worst Case)

The requirements are:
☒ Complies

Test Data



Final Result

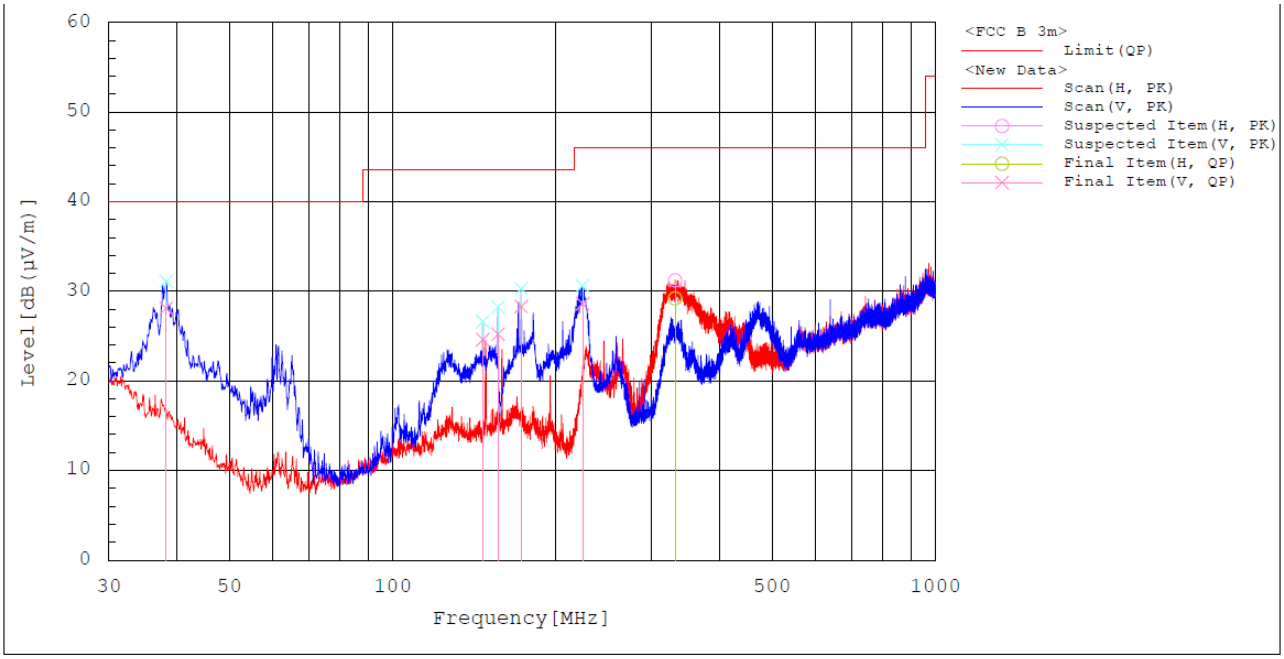
No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]
1	37.760	V	45.0	-10.7	34.3	40.0	5.7	100.1	6.3
2	39.118	V	42.6	-11.4	31.2	40.0	8.8	100.1	358.7
3	224.000	V	43.6	-14.0	29.6	46.0	16.4	100.1	4.0
4	333.707	H	38.4	-9.2	29.2	46.0	16.8	99.9	292.9
5	426.633	V	39.4	-5.7	33.7	46.0	12.3	100.1	36.1
6	640.033	V	36.6	-1.0	35.6	46.0	10.4	100.1	359.1

Remark :
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator – Amp Gain

Test mode : Stand-by (idle mode)

The requirements are:
☒ Complies

Test Data



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]
1	38.245	V	39.1	-11.0	28.1	40.0	11.9	99.9	359.9
2	146.594	V	36.9	-12.3	24.6	43.5	18.9	99.9	309.1
3	156.294	V	38.8	-13.6	25.2	43.5	18.3	99.9	268.3
4	172.493	V	42.9	-14.6	28.3	43.5	15.2	200.0	222.5
5	223.806	V	42.5	-13.9	28.6	46.0	17.4	99.9	356.1
6	331.282	H	38.5	-9.3	29.2	46.0	16.8	99.9	75.7

Remark :
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator – Amp Gain

4.3 Emission Bandwidth

Regulation

For reporting purpose only

Requirement

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.
In some cases, the "x dB bandwidth" is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

Test Procedures

For the emission bandwidth refer ANSI C63.10-2013, clause 6.9(Occupied bandwidth).

Test Settings :

Center frequency = the highest, middle and the lowest channels

a) RBW = 200 Hz (20 dB Bandwidth)

b) RBW = 1 % to 5 % of the OBW (99 % BW)

c) VBW ≥ 3 x RBW

d) Detector = peak

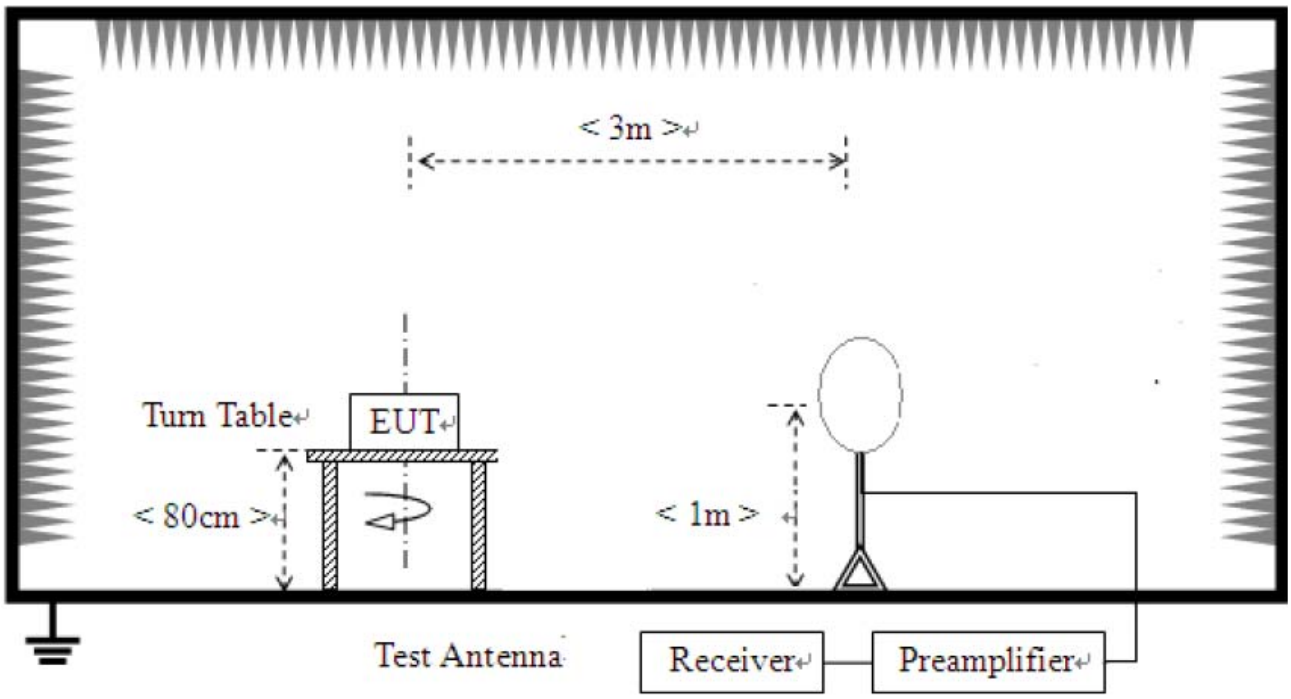
e) Trace mode = Max hold

f) Sweep = auto couple

g) Allow trace to fully stabilize

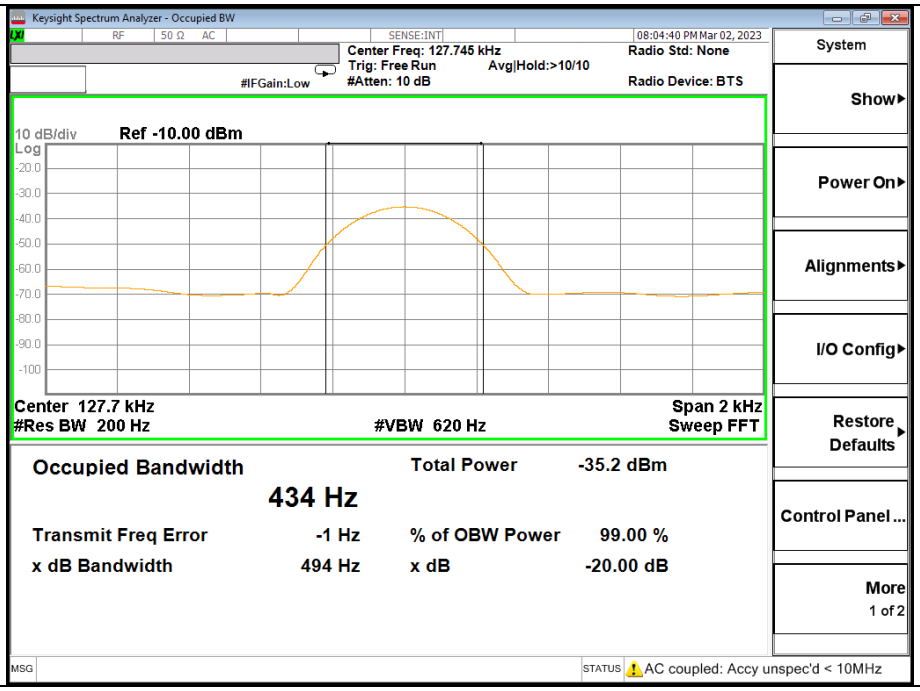
h) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

Test Setup:


< 3m >
Turn Table
EUT
< 80cm >
< 1m >
Test Antenna
Receiver
Preamplifier

Test Data :

Test mode : Charging (Transmitter, Worst Case)



Test results

Emission Bandwidth	20dB Bandwidth	99% Bandwidth	Limit
Emission Bandwidth	0.494 kHz	0.434 kHz	N/A

4.4 AC Conducted Emissions

Frequency Range of Measurement
150 kHz to 30 MHz

Instrument Settings
IF Band Width: 9 kHz

Test Procedures

ANSI C63.10-2013 - Section 6.2

The EUT was placed on a non-metallic table 0.8m above the metallic, grounded floor and 0.4m from the reference ground plane wall. The distance to other metallic surfaces was at least 0.8m.
Amplitude measurements were performed with a quasi-peak detector and an average detector.

Limit
- **15.207(a)**

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average**
0.15 ~ 0.5	66 to 56*	56 to 46*
0.5 ~ 5	56	46
5 ~ 30	60	50

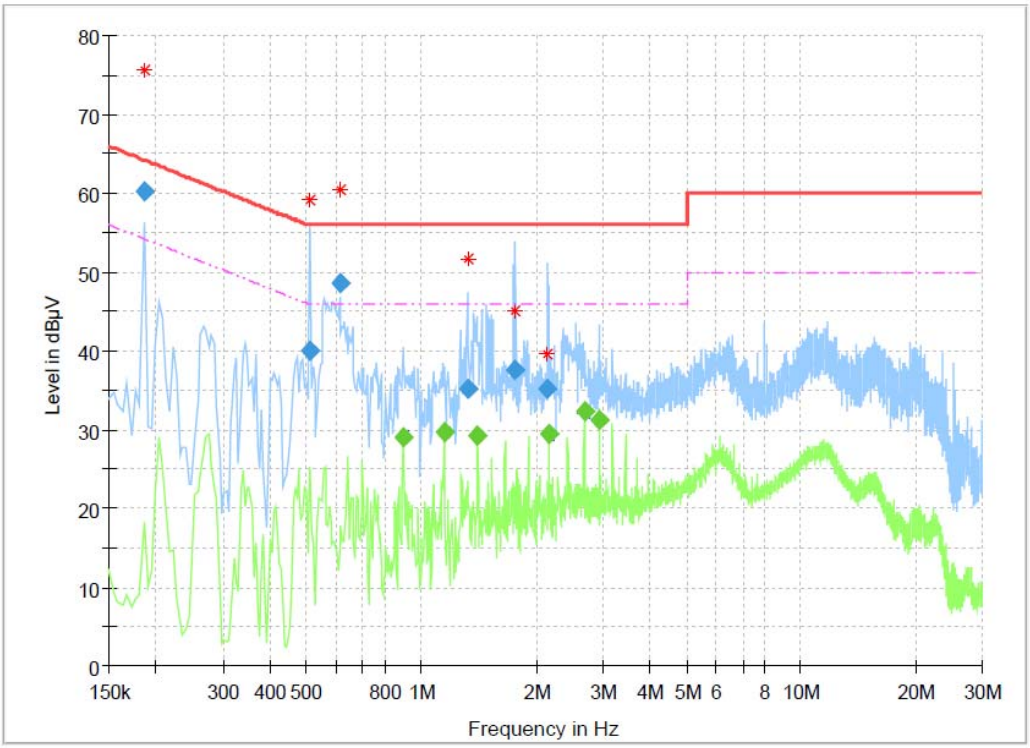
* The level decreases linearly with the logarithm of the frequency.
** A linear average detector is required.

Test Results

The requirements are:
☒ Complies

Test Data

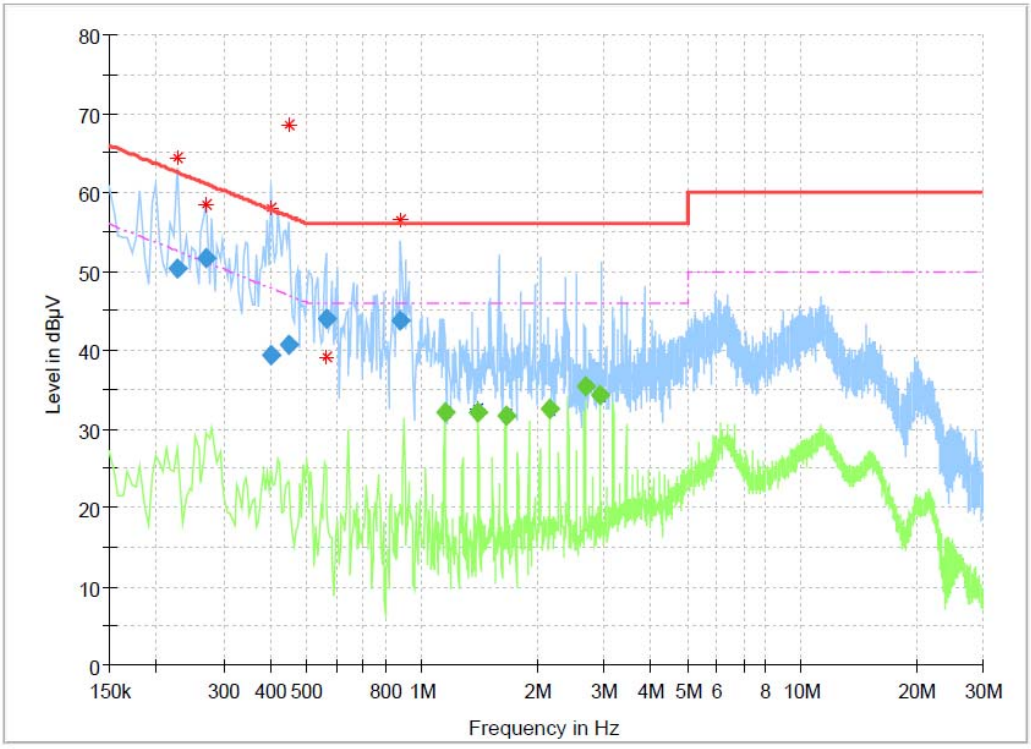
[LINE]



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.186000	60.15	---	64.21	4.07	15000.0	9.000	L1	ON	9.9
0.510000	39.94	---	56.00	16.06	15000.0	9.000	L1	ON	9.9
0.609000	48.52	---	56.00	7.48	15000.0	9.000	L1	ON	9.9
0.892500	---	28.96	46.00	17.04	15000.0	9.000	L1	ON	9.9
1.149000	---	29.61	46.00	16.39	15000.0	9.000	L1	ON	9.8
1.324500	35.19	---	56.00	20.81	15000.0	9.000	L1	ON	9.8
1.405500	---	29.29	46.00	16.71	15000.0	9.000	L1	ON	9.8
1.770000	37.50	---	56.00	18.50	15000.0	9.000	L1	ON	9.8
2.152500	35.14	---	56.00	20.86	15000.0	9.000	L1	ON	9.7
2.170500	---	29.38	46.00	16.62	15000.0	9.000	L1	ON	9.7
2.683500	---	32.21	46.00	13.79	15000.0	9.000	L1	ON	9.8
2.940000	---	31.26	46.00	14.74	15000.0	9.000	L1	ON	9.8

[NEUTRAL]



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.226500	50.39	---	62.58	12.19	15000.0	9.000	N	ON	9.8
0.271500	51.66	---	61.07	9.41	15000.0	9.000	N	ON	9.8
0.402000	39.36	---	57.81	18.45	15000.0	9.000	N	ON	9.9
0.447000	40.76	---	56.93	16.17	15000.0	9.000	N	ON	9.9
0.559500	43.89	---	56.00	12.11	15000.0	9.000	N	ON	9.9
0.879000	43.71	---	56.00	12.29	15000.0	9.000	N	ON	9.9
1.149000	---	32.00	46.00	14.00	15000.0	9.000	N	ON	9.8
1.405500	---	32.06	46.00	13.94	15000.0	9.000	N	ON	9.8
1.662000	---	31.68	46.00	14.32	15000.0	9.000	N	ON	9.8
2.170500	---	32.52	46.00	13.48	15000.0	9.000	N	ON	9.7
2.683500	---	35.28	46.00	10.72	15000.0	9.000	N	ON	9.8
2.940000	---	34.27	46.00	11.73	15000.0	9.000	N	ON	9.8

APPENDIX A – Test Equipment Used For Tests

	Name of Equipment	Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date
1	Signal Analyzer	Agilent	N9020A	MY50510240	2022-07-13	2023-07-13
2	Signal Generator	Rohde & Schwarz	SMB100A	175528	2022-03-25	2023-03-25
3	EMI TEST RECEIVER	Rohde & Schwarz	ESW44	102039	2022-05-04	2023-05-04
4	BILOG ANTENNA	TESEQ	CBL6111D	60654	2021-09-03	2023-09-03
5	Active Loop Antenna	SCHWARZBECK	FMZB 1513	1513-125	2022-04-15	2024-04-15
6	6dB Attenuator	PASTERNACK	PE7AP006-06	L20210504000023	2022-08-10	2023-08-10
7	AMPLIFIER	SONOMA INSTRUMENT	310N	411011	2022-08-10	2023-08-10
8	EMI TEST RECEIVER	R&S	ESR3	102826	2022-05-04	2023-05-04
9	LISN	R&S	ENV216	102698	2022-05-13	2023-05-13

	Cable	Manufacturer	Model No.	Serial No.	Check Date
1	RF Cable (Line Conducted)	Canare Corporation	L-5D2W	N/A	2022-04-12
2	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	SUCOFLEX 104	MY27558/4	2022-11-10
3	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	L-5D2W	N/A	2022-11-10

-END-